

CURRICULUM VITAE

Jeffrey Thomas Johnson, Ph.D.
Associate Professor
Department of Leadership and Applied Instruction
University of West Georgia
Carrollton, GA. 30118

Academic Achievement:

<u>Degree</u>	<u>School</u>	<u>Years</u>
PhD in Sport Science (Biomechanics) <ul style="list-style-type: none">Dissertation: The effects of a biofeedback device on lifting postures: A biomechanical assessment.	Georgia State University	1994-2001
M.S. in Sports Medicine (Biomechanics) <ul style="list-style-type: none">Thesis: The influence of body linear momentum and racquet velocity on post-impact ball velocity during the tennis service: a biomechanical analysis of elite professional, collegiate, and junior players.	Georgia State University	1992-1994
B.S. in Health and Physical Education	Georgia State University	1980-1982, 1986-1988

Professional Activities:

Memberships in Professional Societies:

American College of Sports Medicine (1993-present)
American Society of Biomechanics (1993-1996)
American Alliance for Health, Physical Education, Recreation, and Dance (1987-1990, 2005-present)
Georgia Association for Health, Physical Education, Recreation, and Dance (2007-Present)

Publications:

Publications (refereed manuscripts):

Cobb, S. C., Tis, L. L., **Johnson, J. T.**, Wang, Y. T., & Geil, M. D. (in press). The effect of custom molded foot orthosis intervention on multi-segment medial foot kinematics during walking. *Journal of Athletic Training*.

Cobb, S. C., Tis, L. L., **Johnson, J. T.**, Wang, Y. T., Geil, M. D., & McCarty, F. A. (2009). The effect of low-mobile foot posture on multi-segment medial foot model gait kinematics. *Gait and Posture*, 30, 334-339.

Limroongreungrat, W., Wang, Y., Chang, L., Geil, M., & **Johnson, J.** (2009). Technical note: An instrumented wheel system for measuring 3-D pushrim kinetics during racing wheelchair propulsion. *Research in Sports Medicine*, 17, 182-194.

Hales, M., Johnson, B., **Johnson, J.** (2009). Kinematic analysis of the powerlifting style squat and the conventional deadlift during competition: Is there a cross-over effect between lifts? *Journal of Strength and Conditioning Research*, 23, 2574-2580.

- Cobb, S. C., Tis, L. T., & **Johnson, J. T.** (2006). The effect of 6 weeks of custom-molded orthosis intervention on postural stability in participants with ≥ 7 degrees of forefoot varus. *Clinical Journal of Sports Medicine*, 16 (4), 316-322.
- Johnson, J. T.**, Johnson, B. F., Blasch, B., & De l'Aune, W. (1998). Gait and long cane kinematics: a comparison of sighted and visually impaired subjects. *Journal of Orthopaedic and Sport Physical Therapy*, 27 (2), 162-166.

Publications (book chapters):

- Johnson, J. T.** (2008) Qualitative analysis. In B. Johnson (Ed.). *Dynamic biomechanics* (pp.). Atlanta, GA: Dartfish.
- Hales, M., **Johnson, J. T.** (2008) Instrumentation. In B. Johnson (Ed.). *Dynamic biomechanics* (pp.). Atlanta, GA: Dartfish.

Professional Presentations:

- Johnson, J. T.**, Koch, J., & Stewart, B. (2009, November). *Using dartfish in activity classes*. Presentation at the Georgia Association for Health, Physical Education, Recreation, and Dance (GAHPERD) Annual Conference – Refereed Oral Presentation.
- Heidorn, B. & Johnson, J. T. (2009, October). *A physical activity requirement for pre-service physical education teachers*. Presentation at the Physical Education Teacher Education (PETE) Conference – Refereed Oral Presentation.
- Limroongreungrat, W., Wang, Y., Geil, M. D., **Johnson, J. T.**, Johnson, B. F. (2008, August). *Shoulder joint forces during three different racing wheelchair propulsion speeds*. Presentation at the International Convention on Science and Medicine in Sport, Guangzhou, China – Refereed Poster Presentation.
- Cobb, S., Tis, L., **Johnson, J.**, Wang, Y., & Geil, M. (2008, July). *Application of a multi-segment foot model to the investigation of the effect of custom molded foot orthosis intervention on stance phase kinematics*. Presentation at the National Athletic Trainers Association (NATA) Annual Meeting, Saint Louis, MO – Refereed Poster Presentation.
- Johnson, J.** (2007, June). *Gait related ground reaction forces in patients with Charcot-Marie-Tooth (CMT) disorder: A family case study*. Presentation at the American College of Sports Medicine (ACSM) Annual Conference, New Orleans, LA – Refereed Oral Presentation.
- Johnson, J.** (2007, February). *The effects of Charcot-Marie-Tooth (CMT) disorder on gait: A family case study*. Presentation at the Southeast American College of Sports Medicine (SEACSM) Annual Conference, Charlotte, NC – Refereed Oral Presentation.
- Johnson, J.**, Abbott, R. (2007, March). *The impact of a pedometer-based intervention on sedentary adults*. Presentation at the American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD) Annual Convention, Baltimore, MD – Refereed Poster Presentation.
- Johnson, J.** (2006, June). *The effects of Charcot-Marie-Tooth (CMT) disorder on balance: A family case study*. Presentation at the ACSM Annual Conference, Denver, CO – Refereed Oral Presentation.

- Johnson, J.** (2006, February). *Safety considerations in industry*. Presentation at the Annual Meeting of the Southeast Region of Marketing Group South Corporation, Atlanta, GA – Invited Oral Presentation.
- Cobb, S., Tis, L., **Johnson, J.** (2006, June). *Investigation of the effect of foot structure on gait kinematics using a multi-segment foot model*. Presentation at the ACSM Annual Conference, Denver, CO – Refereed Poster Presentation.
- Johnson, J.**, Johnson, B., Moore, G., Doyle, J., Higbie, E., Tis, L. (2006, February). *The effect of biofeedback on trunk posture during the lowering phase of lifting*. Presentation at the SEACSM Annual Conference, Charlotte, NC – Refereed Oral Presentation.
- Hodgson, B., Tis, L., **Johnson, J.** (2005, June). *The effect of fatigue on kinetic variables associated with vertical drop landings: an evaluation of hanging drop landings*. Presentation at the Annual Meeting of the National Athletic Trainers Association (NATA), Indianapolis, IN – Refereed Poster Presentation.
- Hales, M., Johnson, B., **Johnson, J.** (2004, September). *Modeling three-dimensional shoulder forces and net muscle moments during manual wheelchair propulsion*. Presentation at the Fifth International Conference on the Engineering of Sport, Davis, CA – Refereed Poster Presentation.
- Johnson, J.**, Johnson, B., Doyle, A., Higbie, E., Moore, G., Tis, L. (2002, June). *The effects of a biofeedback device on lifting postures: a biomechanical assessment*. Presentation at the ACSM Annual Convention, St. Louis, MO – Refereed Oral Presentation.
- Imamura, R., Ramsey, V., Wang, V., **Johnson, J.**, & Johnson, B. (1999, June). *Kinematic comparison of the tennis service of 1996 Atlanta Olympic competitors by service type and gender*. Presentation at the ACSM Annual Convention, Seattle, WA – Refereed Poster Presentation.
- Johnson, J.**, Johnson, B., Porter, S., Horvath, L., & Moore, G. (1999, June). *The impact of a biofeedback device on controlling forward flexion during a lifting task: implications for low back injury prevention*. Presentation at the ACSM Annual Convention, Seattle, WA – Refereed Poster Presentation.
- Hill, J., **Johnson, J.**, & Johnson, B. (1999, June). *Is the Kinetic Communicator (Kin-Com) truly isokinetic*. Presentation at the ACSM Annual Convention, Seattle, WA – Refereed Poster Presentation.
- Imamura, R., Ramsey, V., Wang, V., **Johnson, J.**, & Johnson, B. (1999, February). *Kinematic comparison of the tennis service of 1996 Atlanta Olympic competitors by service type and gender*. Presentation at the SEACSM Annual Conference, Norfolk, VA – Refereed Oral Presentation.
- Johnson, J.**, Johnson, B., Porter, S., Horvath, L., & Moore, G. (1999, February). *The impact of a biofeedback device on controlling forward flexion during a lifting task: implications for low back injury prevention*. Presentation at the SEACSM Annual Conference, Norfolk, VA – Refereed Oral Presentation.
- Johnson, J. T.** (1996, September). *Biomechanics and Technology in Gerontological Studies*. Presentation at the Seventh Annual Student Convention for Gerontology and Geriatrics, Athens, GA – Refereed Oral Presentation.
- Johnson, J. T.**, Johnson, B. F., Doyle, A. D., & Oshima, T. C. (1995, May). *The influence of body linear momentum and racquet velocity on post-impact ball velocity during the tennis service: a biomechanical analysis of elite professional, collegiate, and junior players*.

Presentation at the The USTA's Second Annual Conference on Medicine and Science in Tennis, Key Biscayne, FL – Refereed Oral Presentation.

Johnson, J. T., Johnson, B. F., Doyle, A. D., & Oshima, T. C. (1995, February). *The influence of body linear momentum and racquet velocity on post-impact ball velocity during the tennis service: a biomechanical analysis of elite professional, collegiate, and junior players.* Presentation at the Annual meeting of the Southeast Chapter of the American College of Sports Medicine, Lexington, KY – Refereed Oral Presentation.

Grants/Funded Projects:

Johnson, J. T. (2009). *ADAM software.* Student technology fee grant (\$32,628.00).

Johnson, J. T. (2009). *Dartfish upgrade.* Student technology fee grant (not funded).

Johnson, J. T. (2009). *Kidspiration.* Student technology fee grant (not funded).

Johnson, J. T. (2005/2006). *The impact of a pedometer-based intervention on sedentary adults.* College of education seed grant (\$2,600.00).

Johnson, J. T. (2005). *Dartfish analysis system.* Student technology fee grant (\$23,592.00).

Service to the Institution:

Committee Membership:

University - Elected

Undergraduate Academic Program Committee (2005-2007)

General Education subcommittee (2005-2007, chair – 2006-2007)

Big Night/Research Day (2005-2007)

University - Appointed

Ad-Hoc Senate Rules Committee (2007-2009)

Student Disciplinary Suspension or Expulsion Appeals Review Committee (2007-2009)

College of Education

College of Education Graduate Advisory Committee (2004-2007, chair – 2005-2006)

College of Education Faculty Development, Mentoring, & Retention Committee (2005-Present)

Seed Grant subcommittee (2005-Present)

Promotion and Tenure Orientation subcommittee (2005-Present)

College of Education Seed Grant Selection Committee (2006, 2010)

Advisory Task Force for the Center for School Improvement (2005-2006)

College of Education Technology Committee (2007-Present)

Director for Doctoral Program in School Improvement Search Committee (chair – 2009)

College of Education Personnel Committee (2010-Present)

College of Education Promotion and Tenure Committee (Fall 2010)

Physical Education and Recreation

Graduate Faculty Committee (chair, 2005-2008)

Physical Education Teacher Education Committee (2004-Present)

Sport Management Faculty Search Committee (chair, Spring 2005)

PETE Faculty Search Committee – 2 positions (2004-2005)

Department Chair Search Committee (2004-2005, 2005-2006)

Department Awards Committee (2004-Present)

Department Scheduling Committee (2005-2006)

Departmental liason for Health, Wellness, and Lifelong Learning Center (2005-2007)

PETE Faculty Search Committee (2006-2007)